ELSEVIER

29 November 1996

Chemical Physics Letters 262 (1996) 817–828

CHEMICAL PHYSICS LETTERS

Author index to volume 262

Abergel, D., A. Louis-Joseph and J.-Y. Lallemand, A new concept for selective excitation in NMR 262 (1996) 465
Adamowicz, L., see Smets, J. 262 (1996) 789
Adhikari, S., New propagator schemes for explicitly time-dependent Hamiltonians: applications to the multiphoton dissociation dynamics of diatoms 262 (1996) 526
Adhikari, S.K. and A.S. Ghosh, Positron–helium scattering at medium energies 262 (1996) 460
Alexander, A.J., F.J. Aoiz, M. Brouard, I. Burak, Y. Fujimura, J. Short and J.P. Simons, An experimental and quasiclassical study of the product state resolved stereodynamics of the reaction $O(^1D_2) + H_2(v = 0) \rightarrow OH(X^2\Pi_{3/2};\ v = 0,\ N,\ f) + H$ 262 (1996) 589
Allavena, M., see Šepa, J. 262 (1996) 321
Anderson, A., see Lee, S.A. 262 (1996) 337
Andreasson, B., see van Dam, L. 262 (1996) 737
Andrews, S.R., see Silcocks, S.E. 262 (1996) 355
Aoiz, F.J., L. Bañares, V.J. Herrero, V. Sáez Rábanos, K. Stark, I. Tanarro and H.-J. Werner, The F + HD reaction: cross sections and rate constants on an ab initio potential energy surface 262 (1996) 175
Aoiz, F.J., see Alexander, A.J. 262 (1996) 589
Araki, Y., see Maeda, K. 262 (1996) 110
Arden-Jacob, J., see Müller, R. 262 (1996) 716
Arias, A.A., see Wasserman, T.A.W. 262 (1996) 329
Asmus, K.-D., see Staško, A. 262 (1996) 233
Azumi, T., see Maeda, K. 262 (1996) 110

Backstrand, K.M., see Hain, T.D. 262 (1996) 723
Balasubramanian, K., see Latifzadeh-Masoudipour, L. 262 (1996) 553
Balasubramanian, K., see Majumdar, D. 262 (1996) 263
Bañares, L., see Aoiz, F.J. 262 (1996) 175
Bandyopadhyay, P., see Chaudhury, P. 262 (1996) 764
Bardeen, C.J., see Cerullo, G. 262 (1996) 362
Barone, V., Electronic, vibrational and environmental effects on the hyperfine coupling constants of nitroside radicals. H_2NO as a case study 262 (1996) 201
Batirev, I.G., K.H. Lee, W.R. Lee, H.M. Lee and J.A. Leiro, Full-potential linear muffin-tin orbital calculation of atomic forces and optimization of atomic structure of fullerene epoxide derivatives $C_{60}O$ and $C_{60}O_2$ 262 (1996) 247
Bauer-Gogonea, S., W. Wirges, S. Bauer, R. Gerhard-Multhaupt, J. Liang and J. Zyss, Electrical determination of the degree of cross-linking in a poled non-linear optical polymer 262 (1996) 663

Bauer, S., see Bauer-Gogonea, S. 262 (1996) 663
Bellert, D., see Buthelezi, T. 262 (1996) 303
Ben-Nun, M., T.J. Martínez, P.M. Weber and K.R. Wilson, Direct imaging of excited electronic states using diffraction techniques: theoretical considerations 262 (1996) 405
Berden, G., see Engeln, R. 262 (1996) 105
Bertolotti, S.G., see Rivarola, C. 262 (1996) 131
Besnard, M., see Cabaco, M.I. 262 (1996) 120
Bhattacharyya, S.P., see Chaudhury, P. 262 (1996) 764
Boldyrev, A.I. and J. Simons, Predictions of ground states of LiGa and NaGa 262 (1996) 807
Borbat, P., see Raitsimring, A. 262 (1996) 8
Borin, A.C., A complete active space self-consistent field and multireference configuration interaction analysis of the SiN B $^2\Sigma^+ - X\ ^2\Sigma^+$ transition moment 262 (1996) 80
Borsarelli, C.D., see Rivarola, C. 262 (1996) 131
Børve, K.J., On the calculation of molecular field splitting in S 2p photoelectron spectra 262 (1996) 801
Bremi, T., see Straus, S.K. 262 (1996) 709
Brezina, R., S.H. Lin and W.-K. Liu, Quantum mechanical calculation of line shape parameters for the depolarized Raman Q branch of D_2 in He 262 (1996) 437
Brezová, V., see Staško, A. 262 (1996) 233
Brouard, M., see Alexander, A.J. 262 (1996) 589
Brucat, P.J., see Buthelezi, T. 262 (1996) 303
Bukowski, R., see Williams, H.L. 262 (1996) 431
Burak, I., see Alexander, A.J. 262 (1996) 589
Burkholder, J.B., see Talukdar, R.K. 262 (1996) 669
Buthelezi, T., D. Bellert, T. Hayes and P.J. Brucat, The adiabatic binding energy of $NbAr^+$ 262 (1996) 303

Cabaco, M.I., Y. Danten, M. Besnard, Y. Guissani and B. Guillot, Evidence of dimer formation in neat liquid 1,3,5-trifluorobenzene 262 (1996) 120
Calhoun, A., M. Pavese and G.A. Voth, Hyper-parallel algorithms for centroid molecular dynamics: application to liquid para-hydrogen 262 (1996) 415
Callis, P.R., see Fender, B. 262 (1996) 343
Cao, X., see Fischer, G. 262 (1996) 689
Carrington, A., D.I. Gammie, A.M. Shaw and S.M. Taylor, Observation of a microwave spectrum of the long-range $He \cdots N^+$ complex 262 (1996) 598
Cerullo, G., C.J. Bardeen, Q. Wang and C.V. Shank, High-power femtosecond chirped pulse excitation of molecules in solution 262 (1996) 362
Chaudhury, P., P. Bandyopadhyay and S.P. Bhattacharyya, Exploring a discretized generator coordinate route to approximate eigenstates of one- and two-dimensional anharmonic oscillators within the framework of the simulated annealing method 262 (1996) 764
Child, M.S., see Weston, T. 262 (1996) 751
Chong, D.P., see Hu, C.-H. 262 (1996) 729
Chong, D.P., see Hu, C.-H. 262 (1996) 733
Clary, D.C., see Wang, L. 262 (1996) 284
Cooke, S.A., G. Cotti, C.M. Evans, J.H. Holloway and A.C. Legon, Rotational spectrum and properties of a gas-phase complex of molecular fluorine and hydrogen cyanide 262 (1996) 308
Cosa, J.J., see Rivarola, C. 262 (1996) 131
Cotti, G., see Cooke, S.A. 262 (1996) 308
Curtiss, T.J., see Hain, T.D. 262 (1996) 723

Dai, S., W. Xu, D.H. Metcalf and L.M. Toth, Energy transfer between UO_2^{2+} and Eu^{3+} in sol–gel glasses: a spectroscopic investigation 262 (1996) 315
Danten, Y., see Cabaco, M.I. 262 (1996) 120
Daul, C., M. Frioud, O. Schafer and A. Selloni, Non-empirical dynamical DFT calculation of the Berry pseudorotation of PF_5 262 (1996) 74
Dehe, K. and H. Heydtmann, HF infrared emission from the reactions of atomic fluorine with methylcyanide, methylisocyanide, dimethylsulfide and dimethyldisulfide 262 (1996) 683
Deimel, M., see Müller, R. 262 (1996) 716
Deltau, G., see Müller, R. 262 (1996) 716
De Proft, F. and P. Geerlings, Ab initio and density functional study of the Jahn–Teller distortion in the silane radical cation 262 (1996) 782
De Schryver, F.C., see Imans, F. 262 (1996) 583
Dianxun, W., J. Peng and Z. Qiyuan, HeI photoelectron spectrum (PES) of fluorine nitrate, $FONO_2$ 262 (1996) 771
Dianxun, W., Q. Ximei and Z. Shijun, A linear relation between the ionization potentials of HeI photoelectron spectroscopy and NMR chemical shifts. A PES study of the electronic structure of alkyl isocyanides 262 (1996) 776
Dietrich, G., see Walther, C. 262 (1996) 668
Ding, W., G. Gu, W. Zhong, W.-C. Zang and Y. Du, Enhanced photoluminescence of C_{60} incorporated into interlayers of hydrotalcite 262 (1996) 259
Ding, X., see Wu, G. 262 (1996) 421
Disch, R.L., see Schulman, J.M. 262 (1996) 813
Dolg, M., see Shukla, A. 262 (1996) 213
Doye, J.P.K. and D.J. Wales, The structure of $(C_{60})_N$ clusters 262 (1996) 167
Drexhage, K.H., see Müller, R. 262 (1996) 716
Du, Y., see Ding, W. 262 (1996) 259
Dunlap, B.I., see Warren, R.W. 262 (1996) 384

Engeln, R., G. von Helden, G. Berden and G. Meijer, Phase shift cavity ring down absorption spectroscopy 262 (1996) 105
Enjo, K., see Maeda, K. 262 (1996) 110
Ernst, R.R., see Straus, S.K. 262 (1996) 709
Evans, C.M., see Cooke, S.A. 262 (1996) 308

Feldstein, M.J., see Wang, W. 262 (1996) 573
Fender, B. and P.R. Callis, ^1L_a origin locations of methyl indoles in argon matrices 262 (1996) 343
Fischer, G., X. Cao and R.L. Purchase, FT-IR spectrum of the 2H-tautomer of benzotriazole in a supersonic jet 262 (1996) 689
Fisz, J.J., Polarized fluorescence decay surface for many-ground- and many-excited-state species in solution 262 (1996) 507
Fisz, J.J., Polarized fluorescence spectroscopy of two-ground- and two-excited-state systems in solutions 262 (1996) 495
Forst, W., Approximations for angular momentum-conserved polyatomic vibrational–rotational sum and density of states under a central potential 262 (1996) 539
Freed, J.H., see Salikhov, K.M. 262 (1996) 17
Friedrich, B. and D. Herschbach, Alignment enhanced spectra of molecules in intense non-resonant laser fields 262 (1996) 41
Frioud, M., see Daul, C. 262 (1996) 74

Frishman, A., see Hoffman, D.K. 262 (1996) 393
Fujimura, Y., see Alexander, A.J. 262 (1996) 589
Fulde, P., see Shukla, A. 262 (1996) 213
Fuß, W., T. Schikarski, W.E. Schmid, S. Trushin and K.L. Kompa, Ultrafast dynamics of the photochemical ring opening of 1,3-cyclohexadiene studied by multiphoton ionization 262 (1996) 675

Gammie, D.I., see Carrington, A. 262 (1996) 598
Gao, J.S. and Z.Q. Tian, Surface enhanced Raman scattering of pyridine at copper electrodes excited with a 514.5 nm line 262 (1996) 151
Garashchuk, S. and D. Tannor, Wave packet correlation function approach to $H_2(v) + H \rightarrow H + H_2(v')$: semiclassical implementation 262 (1996) 477
Gauld, J.W., M.N. Glukhovtsev and L. Radom, The structure of the methanol radical cation: an artificially short C–O bond with MP2 theory 262 (1996) 187
Gauss, J., see Stanton, J.F. 262 (1996) 183
Geerlings, P., see De Proft, F. 262 (1996) 782
Gerhard-Multhaupt, R., see Bauer-Gogonea, S. 262 (1996) 663
Ghosh, A.S., see Adhikari, S.K. 262 (1996) 460
Glukhovtsev, M.N., see Gauld, J.W. 262 (1996) 187
Glushkov, V.N. and A.Ya. Tsaune, Ab initio calculation of excited state energies using basis set optimization and open-shell Møller–Plesset perturbation theory 262 (1996) 59
Gorte, R.J., see Šepa, J. 262 (1996) 321
Grossmann, F., Time-dependent semiclassical calculation of resonance lifetimes 262 (1996) 470
Gruenloh, C., see Pribble, R.N. 262 (1996) 627
Gu, G., see Ding, W. 262 (1996) 259
Guérin, H., Supersymmetric WKB and WKB s wave phase shifts for the Morse potential 262 (1996) 759
Guillot, B., see Cabaco, M.I. 262 (1996) 120
Guissani, Y., see Cabaco, M.I. 262 (1996) 120
Guldi, D.M., see Staško, A. 262 (1996) 233

Haensler, M., see Volke, F. 262 (1996) 374
Hain, T.D., M.A. Weibel, K.M. Backstrand, P.E. Pope and T.J. Curtiss, State-selected beams of hydroxyl radicals via electric hexapole focusing 262 (1996) 723
Hare, J.P., see Hsu, W.K. 262 (1996) 161
Harima, Y., M. Miyatake, P. Price and K. Yamashita, Photoresponse of porphyrin thin-film electrode in the near-infrared 262 (1996) 274
Harris, F.M., see Silcocks, S.E. 262 (1996) 355
Harris, R.K., see Scheler, U. 262 (1996) 137
Harrison, J.F., see Rencsok, R. 262 (1996) 207
Hashimoto, S., Observation of charge-resonance band of naphthalene dimer cation confined in cavities of faujasite zeolites. Near-IR diffuse reflectance laser photolysis study 262 (1996) 292
Hayes, T., see Buthelezi, T. 262 (1996) 303
He, T., see Li, L. 262 (1996) 52
Henderson, D., see Trokhymchuk, A. 262 (1996) 33
Herbich, J., A. Kapturkiewicz and J. Nowacki, Phosphorescent intramolecular charge transfer triplet states 262 (1996) 633
Herrero, V.J., see Aoiz, F.J. 262 (1996) 175
Herschbach, D., see Friedrich, B. 262 (1996) 41
Heydtmann, H., see Dehe, K. 262 (1996) 683

Hilger, R., H.-P. Merckens and H. Kleindienst, Accurate nonrelativistic energies for some doubly excited P^e states of He 262 (1996) 400
Hoffman, D.K., A. Frishman and D.J. Kouri, Distributed approximating functional approach to fitting multi-dimensional surfaces 262 (1996) 393
Hoffman, D.K., see Kouri, D.J. 262 (1996) 519
Holloway, J.H., see Cooke, S.A. 262 (1996) 308
Hou, X.-W., see Xie, M. 262 (1996) 1
Houben, L., see Smets, J. 262 (1996) 789
Hsu, W.K., M. Terrones, J.P. Hare, H. Terrones, H.W. Kroto and D.R.M. Walton, Electrolytic formation of carbon nanostructures 262 (1996) 161
Hu, C.-H. and D.P. Chong, Density functional calculation of core-electron binding energies of transition metal carbonyl and nitrosyl complexes 262 (1996) 733
Hu, C.-H. and D.P. Chong, Density functional computations for inner-shell excitation spectroscopy 262 (1996) 729
Hunter, M., see Talukdar, R.K. 262 (1996) 669

Iijima, S., see Qin, L.-C. 262 (1996) 252
Imahori, H., see Zhao, X. 262 (1996) 643
Imans, F., L. Viaene, M. Van der Auweraer and F.C. De Schryver, Local properties of adsorption sites probed by the emission of fluorophores of different size and shape 262 (1996) 583
Ishikawa, K., see Pola, J. 262 (1996) 279

Jackson, K.A., see Rencsok, R. 262 (1996) 207
Jeffreys, N., see Silcocks, S.E. 262 (1996) 355
Jeziorski, B., see Williams, H.L. 262 (1996) 431
Jonah, C.D., see Zhang, X. 262 (1996) 649

Kalinin, S.V., see Vertegel, A.A. 262 (1996) 455
Kamata, Y., see Maeda, K. 262 (1996) 110
Kanik, I., see Trajmar, S. 262 (1996) 241
Kaplan, T.A., see Rencsok, R. 262 (1996) 207
Kapturkiewicz, A., see Herbich, J. 262 (1996) 633
Kassab, E., see Šepa, J. 262 (1996) 321
Katheder, I., see Limantara, L. 262 (1996) 656
Kawai, A., see Mitsui, M. 262 (1996) 125
Kidd, R.T., S.R. Meech and D. Lennon, Enhanced photodesorption of NO on roughened silver surfaces 262 (1996) 142
Kiribayashi, S., see Nakano, M. 262 (1996) 66
Kitagawa, T., see Zhao, X. 262 (1996) 643
Kleindienst, H., see Hilger, R. 262 (1996) 400
Klopper, W. and H.P. Lüthi, Towards the accurate computation of properties of transition metal compounds: the binding energy of ferrocene 262 (1996) 546
Knowles, P.J., see Mura, M.E. 262 (1996) 533
Ko, D.-S., see Müller, R. 262 (1996) 716
Kobayashi, K. and S. Nagase, Structures and electronic states of endohedral dimetallofullerenes: $M_2@C_{80}$ (M = Sc, Y, La, Ce, Pr, Eu, Gd, Yb and Lu) 262 (1996) 227
Kobori, Y., see Mitsui, M. 262 (1996) 125
Koga, Y., see Pola, J. 262 (1996) 279

Komorowski, L., see Lipiński, J. 262 (1996) 449
Kompa, K.L., see Fuß, W. 262 (1996) 675
Kondow, T., see Terasaki, A. 262 (1996) 269
Korona, T., see Williams, H.L. 262 (1996) 431
Kouri, D.J., D.K. Hoffman, T. Peng and J.H.Z. Zhang, Reactant-product decoupling for state-to-state reactive scattering: further partitioning in the product arrangements 262 (1996) 519
Kouri, D.J., see Hoffman, D.K. 262 (1996) 393
Koyama, Y., see Limantara, L. 262 (1996) 656
Kroto, H.W., see Hsu, W.K. 262 (1996) 161
Ku, J.K., see Lee, K. 262 (1996) 610
Kwok, W.M., D.L. Phillips, P.K.-Y. Yeung and V.W.-W. Yam, Vibrational reorganizational energies of the MLCT transition in $Pt(dppm)_2(PhC{\equiv}C)_2$ and the MMLCT transition in $[Pt_2(\mu\text{-dppm})_2(\mu\text{-PhC}{\equiv}C)(PhC{\equiv}C)_2]^+$ 262 (1996) 699

Lallemand, J.-Y., see Abergel, D. 262 (1996) 465
Latifzadeh-Masoudipour, L. and K. Balasubramanian, Electronic states and potential energy curves of SbF_2 and SbF_2^+ 262 (1996) 553
Lee, H.M., see Batirev, I.G. 262 (1996) 247
Lee, K., H.S. Yoo and J.K. Ku, Ground state Fe atom formation efficiencies from two-photon dissociation of $Fe(CO)_5$ at 386.0, 368.0, 319.3 and 298.4 nm 262 (1996) 610
Lee, K.H., see Batirev, I.G. 262 (1996) 247
Lee, S.A. and A. Anderson, Deuterated methylene iodide at high pressures: a Raman study 262 (1996) 337
Lee, T.J., Ab initio characterization of $HBrO_2$ isomers: implications for stratospheric bromine chemistry 262 (1996) 559
Lee, W.R., see Batirev, I.G. 262 (1996) 247
Legon, A.C., see Cooke, S.A. 262 (1996) 308
Leiro, J.A., see Batirev, I.G. 262 (1996) 247
Lennon, D., see Kidd, R.T. 262 (1996) 142
Li, L., T. He, X. Wang, J. Zuo, C. Xu and F. Liu, Contribution of antisymmetric nonresonant vibrational Raman scattering to the ν_{16} and ν_{17} bands of tetrahydrofuran 262 (1996) 52
Li, S., R.J. Van Zee and W. Weltner Jr., Infrared observations of the B_3 and Al_3 molecules in inert-gas matrices at 4 K 262 (1996) 298
Liang, J., see Bauer-Gogonea, S. 262 (1996) 663
Limantara, L., I. Katheder, H. Scheer, W. Schäfer and Y. Koyama, The T_1 and S_1 Raman spectra of ^{15}N- and ^{2}H-enriched bacteriochlorophyll *a*: changes in bond order upon triplet and singlet excitation 262 (1996) 656
Lin, S.H., see Brezina, R. 262 (1996) 437
Lindinger, M., see Walther, C. 262 (1996) 668
Lipiński, J. and L. Komorowski, The solvent effect on the electronegativity and hardness of bonded atoms 262 (1996) 449
Liu, F., see Li, L. 262 (1996) 52
Liu, W.-K., see Brezina, R. 262 (1996) 437
Lo, K.K.-W., see Wang, C.-R. 262 (1996) 91
Louis-Joseph, A., see Abergel, D. 262 (1996) 465
Lüthi, H.P., see Klopper, W. 262 (1996) 546
Lützenkirchen, K., see Walther, C. 262 (1996) 668

Ma, Z.-Q., see Xie, M. 262 (1996) 1
Maclagan, R.G.A.R. and G.E. Scuseria, An ab initio study of VC: a comparison of different levels of theory including density functional methods 262 (1996) 87
Maeda, K., Y. Araki, Y. Kamata, K. Enjo, H. Murai and T. Azumi, The time-resolved absorption-detected magnetic resonance spectrum of the polymethylene linked biradical: effect of the exchange integral 262 (1996) 110
Maes, G., see Smets, J. 262 (1996) 789
Magnier, S., M. Persico and N. Rahman, Bound–bound and bound–free $X^2\Sigma_g^+ \rightarrow A^2\Pi_u$ transitions in Na_2^+ relevant for experiments in above threshold dissociation 262 (1996) 747
Majumdar, D. and K. Balasubramanian, A theoretical study of the curves for Ta + CO interaction 262 (1996) 263
Martin, J.M.L., The vibrational spectra of corannulene and coronene. A density functional study 262 (1996) 97
Martínez, T.J., see Ben-Nun, M. 262 (1996) 405
Marx, N.J., see Müller, R. 262 (1996) 716
Meech, S.R., see Kidd, R.T. 262 (1996) 142
Meijer, G., see Engeln, R. 262 (1996) 105
Merckens, H.-P., see Hilger, R. 262 (1996) 400
Mertz, E.L., On the dependence of the electron band maximum on the solvent reorganization energy 262 (1996) 27
Metcalf, D.H., see Dai, S. 262 (1996) 315
Meyer, H., Rotational contour analysis of the (n, 3s) Rydberg transition in acetaldehyde 262 (1996) 603
Miller, W.H., see Spath, B.W. 262 (1996) 486
Minyaev, R.M., Double proton transfers in complexes of formic acid with CH_4, NH_3, H_2O, HF and H_2 262 (1996) 194
Mitsui, M., K. Takeda, Y. Kobori, A. Kawai and K. Obi, The first observation of CIDEP generated through the interaction between an excited singlet oxygen molecule and a free radical 262 (1996) 125
Miyatake, M., see Harima, Y. 262 (1996) 274
Mizutani, Y., see Zhao, X. 262 (1996) 643
Müller, R., C. Zander, M. Sauer, M. Deimel, D.-S. Ko, S. Siebert, J. Arden-Jacob, G. Deltau, N.J. Marx, K.H. Drexhage and J. Wolfrum, Time-resolved identification of single molecules in solution with a pulsed semiconductor diode laser 262 (1996) 716
Müller, T., see Wasserman, T.A.W. 262 (1996) 329
Mura, M.E., P.J. Knowles and C.A. Reynolds, Potential energy surfaces from Kohn–Sham potentials 262 (1996) 533
Murai, H., see Maeda, K. 262 (1996) 110

Nagase, S., see Kobayashi, K. 262 (1996) 227
Naitoh, Y., see Saitow, K. 262 (1996) 621
Nakano, M., S. Kiribayashi, S. Yamada, I. Shigemoto and K. Yamaguchi, Theoretical study of the second hyperpolarizabilities of three charged states of pentalene. A consideration of the structure–property correlation for the sensitive second hyperpolarizability 262 (1996) 66
Neumann, M.G., see Rivarola, C. 262 (1996) 131
Nibu, Y., D. Sakamoto, T. Satho and H. Shimada, Dispersed phosphorescence spectra in a supersonic free jet by electric discharge excitation 262 (1996) 615
Nishimura, Y., see Tsuji, M. 262 (1996) 349

Nordenskiöld, L., see van Dam, L. 262 (1996) 737
Nowacki, J., see Herbich, J. 262 (1996) 633

Obi, K., see Mitsui, M. 262 (1996) 125
Oleynikov, N.N., see Vertegel, A.A. 262 (1996) 455
O'Malley, P.J., ^{1}H, ^{13}C and ^{17}O principal hyperfine tensor determination for the p-benzosemiquinone anion radical using hybrid density functional methods 262 (1996) 797
Ouchi, A., see Pola, J. 262 (1996) 279

Pampel, A., see Volke, F. 262 (1996) 374
Parry, D.E., see Silcocks, S.E. 262 (1996) 355
Pavese, M., see Calhoun, A. 262 (1996) 415
Pearlstein, R.M., Antenna exciton trapping kinetics as a probe of primary electron transfer heterogeneity in the photosynthetic reaction center 262 (1996) 442
Pederson, M.R., see Rencsok, R. 262 (1996) 207
Peng, J., see Dianxun, W. 262 (1996) 771
Peng, T., see Kouri, D.J. 262 (1996) 519
Persico, M., see Magnier, S. 262 (1996) 747
Phillips, D.L., see Kwok, W.M. 262 (1996) 699
Pizio, O., see Trokhymchuk, A. 262 (1996) 33
Plakhotnik, T., D. Walser, A. Renn and U.P. Wild, Two Shpol'skii sites of all-trans-1,8-diphenyloctatetraene in n-tetradecane 262 (1996) 379
Pola, J., A. Ouchi, K. Saito, K. Ishikawa and Y. Koga, Efficient chemical vapour deposition of hydrocarbon polymeric films by UV laser induced photolysis of 3-butyn-2-one 262 (1996) 279
Pope, P.E., see Hain, T.D. 262 (1996) 723
Previtali, C.M., see Rivarola, C. 262 (1996) 131
Pribble, R.N., C. Gruenloh and T.S. Zwier, The ultraviolet and infrared spectroscopy of $(benzene)_2$–$(CH_3OH)_3$ isomeric clusters 262 (1996) 627
Price, P., see Harima, Y. 262 (1996) 274
Purchase, R.L., see Fischer, G. 262 (1996) 689

Qin, L.-C. and S. Iijima, Onion-like graphitic particles produced from diamond 262 (1996) 252
Qiyuan, Z., see Dianxun, W. 262 (1996) 771

Radom, L., see Gauld, J.W. 262 (1996) 187
Rahman, N., see Magnier, S. 262 (1996) 747
Raitsimring, A. and P. Borbat, Electron spin-echo modulation for a '1 + 2' pulse train in a weak hyperfine interaction limit 262 (1996) 8
Rapta, P., see Staško, A. 262 (1996) 233
Ravishankara, A.R., see Talukdar, R.K. 262 (1996) 669
Rebane, A., D. Reiss, I. Renge and U.P. Wild, Non-destructive readout of picosecond time-and-space-domain holograms recorded by photon-gated spectral hole burning 262 (1996) 155
Reiss, D., see Rebane, A. 262 (1996) 155
Rencsok, R., K.A. Jackson, T.A. Kaplan, J.F. Harrison and M.R. Pederson, Electronic properties of the electride-type molecule $Li(9\text{-crown-}3)_2$. Comparison of Hartree–Fock and local density approximations: implications for crystalline crown ether electrides 262 (1996) 207
Renge, I., see Rebane, A. 262 (1996) 155

Renn, A., see Plakhotnik, T. 262 (1996) 379
Reynolds, C.A., see Mura, M.E. 262 (1996) 533
Rivarola, C., S.G. Bertolotti, C.D. Borsarelli, J.J. Cosa, C.M. Previtali and M.G. Neumann, Hydrogen bonding and charge transfer interactions in exciplexes formed by excited indole and monosubstituted benzenes in cyclohexane 262 (1996) 131
Rodger, P.M., see Westacott, R.E. 262 (1996) 47

Sáez Rábanos, V., see Aoiz, F.J. 262 (1996) 175
Saito, K., see Pola, J. 262 (1996) 279
Saitow, K., Y. Naitoh, K. Tominaga and K. Yoshihara, Photo-induced reactions of CH_2I_2 in solution studied by the ultrafast transient absorption spectroscopy 262 (1996) 621
Sakamoto, D., see Nibu, Y. 262 (1996) 615
Sakata, Y., see Zhao, X. 262 (1996) 643
Salikhov, K.M., D.J. Schneider, S. Saxena and J.H. Freed, A theoretical approach to the analysis of arbitrary pulses in magnetic resonance 262 (1996) 17
Satho, T., see Nibu, Y. 262 (1996) 615
Sauer, M., see Müller, R. 262 (1996) 716
Saxena, S., see Salikhov, K.M. 262 (1996) 17
Schafer, O., see Daul, C. 262 (1996) 74
Schäfer, W., see Limantara, L. 262 (1996) 656
Scheer, H., see Limantara, L. 262 (1996) 656
Scheiner, S., see Yi, M. 262 (1996) 567
Scheler, U. and R.K. Harris, Fluorine-19 NMR of solids with both homonuclear (multi-pulse) decoupling and pulsed proton decoupling 262 (1996) 137
Scherer, N.F., see Wang, W. 262 (1996) 573
Schikarski, T., see Fuß, W. 262 (1996) 675
Schmid, W.E., see Fuß, W. 262 (1996) 675
Schneider, D.J., see Salikhov, K.M. 262 (1996) 17
Schoone, K., see Smets, J. 262 (1996) 789
Schulman, J.M. and R.L. Disch, Archimedene 262 (1996) 813
Schweikhard, L., see Walther, C. 262 (1996) 668
Scuseria, G.E., see Maclagan, R.G.A.R. 262 (1996) 87
Scuseria, G.E., see Xu, C.H. 262 (1996) 219
Selloni, A., see Daul, C. 262 (1996) 74
Šepa, J., R.J. Gorte, D. White, E. Kassab and M. Allavena, The ^{13}C chemical shielding, ^{14}N quadrupole and the dipolar tensors of the nitrile group in the hydrogen-bonded acetonitrile–H-ZSM-5 adsorption complex 262 (1996) 321
Shank, C.V., see Cerullo, G. 262 (1996) 362
Shaw, A.M., see Carrington, A. 262 (1996) 598
Shibata, T. and T. Suzuki, Photofragment ion imaging with femtosecond laser pulses 262 (1996) 115
Shigemoto, I., see Nakano, M. 262 (1996) 66
Shijun, Z., see Dianxun, W. 262 (1996) 776
Shimada, H., see Nibu, Y. 262 (1996) 615
Short, J., see Alexander, A.J. 262 (1996) 589
Shukla, A., M. Dolg, H. Stoll and P. Fulde, An ab initio embedded-cluster approach to electronic structure calculations on perfect solids: a Hartree–Fock study of lithium hydride 262 (1996) 213
Siebert, S., see Müller, R. 262 (1996) 716

Siehl, H.-U., see Stanton, J.F. 262 (1996) 183
Silcocks, S.E., N. Jeffreys, F.M. Harris, S.R. Andrews and D.E. Parry, Double ionization of fluorobenzene to singlet and triplet states of its dication 262 (1996) 355
Simons, J., see Boldyrev, A.I. 262 (1996) 807
Simons, J.P., see Alexander, A.J. 262 (1996) 589
Smets, J., L. Houben, K. Schoone, G. Maes and L. Adamowicz, Multiple site proton affinities of methylated nucleic acid bases 262 (1996) 789
Sokołowski, S., see Trokhymchuk, A. 262 (1996) 33
Spath, B.W. and W.H. Miller, Semiclassical calculation of Franck–Condon intensities for reactive systems 262 (1996) 486
Stanton, J.F., J. Gauss and H.-U. Siehl, CCSD(T) calculation of NMR chemical shifts: consistency of calculated and measured ^{13}C chemical shifts in the 1-cyclopropylcyclopropylidenemethyl cation 262 (1996) 183
Stark, K., see Aoiz, F.J. 262 (1996) 175
Staško, A., V. Brezová, P. Rapta, K.-D. Asmus and D.M. Guldi, [60]Fullerene anions in aqueous solutions (EPR study) 262 (1996) 233
Steer, R.P., see Tittelbach-Helmrich, D. 262 (1996) 369
Stoll, H., see Shukla, A. 262 (1996) 213
Straus, S.K., T. Bremi and R.R. Ernst, Resolution enhancement by homonuclear *J* decoupling in solid-state MAS NMR 262 (1996) 709
Suzuki, T., see Shibata, T. 262 (1996) 115
Szalewicz, K., see Williams, H.L. 262 (1996) 431

Takeda, K., see Mitsui, M. 262 (1996) 125
Talukdar, R.K., M. Hunter, R.F. Warren, J.B. Burkholder and A.R. Ravishankara, UV laser photodissociation of CF_2ClBr and CF_2Br_2 at 298 K: quantum yields of Cl, Br, and CF_2 262 (1996) 669
Tanaka, M., see Tsuji, M. 262 (1996) 349
Tanarro, I., see Aoiz, F.J. 262 (1996) 175
Tannor, D., see Garashchuk, S. 262 (1996) 477
Taylor, S.M., see Carrington, A. 262 (1996) 598
Terasaki, A., H. Yamaguchi, H. Yasumatsu and T. Kondow, Fragmentation dynamics of silicon cluster anions in collision with a silicon surface: contrast to aluminum cluster anions 262 (1996) 269
Terrones, H., see Hsu, W.K. 262 (1996) 161
Terrones, M., see Hsu, W.K. 262 (1996) 161
Tian, Z.Q., see Gao, J.S. 262 (1996) 151
Tittelbach-Helmrich, D. and R.P. Steer, Subpicosecond population decay time of the first excited singlet state of thioxanthione in fluid solution 262 (1996) 369
Tominaga, K., see Saitow, K. 262 (1996) 621
Toth, L.M., see Dai, S. 262 (1996) 315
Trajmar, S. and I. Kanik, Electron impact excitation of C_{60} adducts; fluorescence from $C_{60}OH$ and $C_{60}H$ species 262 (1996) 241
Tretyakov, Yu.D., see Vertegel, A.A. 262 (1996) 455
Trokhymchuk, A., O. Pizio, D. Henderson and S. Sokołowski, The reference inhomogeneous Percus–Yevick approximation for a dimerizing fluid near a hard wall 262 (1996) 33
Trushin, S., see Fuß, W. 262 (1996) 675
Tsaune, A.Ya., see Glushkov, V.N. 262 (1996) 59

Tsuji, M., M. Tanaka and Y. Nishimura, New emission spectra of $KrXe^+$ produced from Kr afterglow reactions of Xe 262 (1996) 349

Ullmann, G., see Volke, F. 262 (1996) 374

Vaccaro, P.H., see Wasserman, T.A.W. 262 (1996) 329
Van Dam, L., B. Andreasson and L. Nordenskiöld, Multiple-quantum pulsed gradient NMR diffusion experiments on quadrupolar ($I > 1/2$) spins 262 (1996) 737
Van der Auweraer, M., see Imans, F. 262 (1996) 583
Van Zee, R.J., see Li, S. 262 (1996) 298
Vertegel, A.A., S.V. Kalinin, N.N. Oleynikov and Yu.D. Tretyakov, Visible spectra of fractal particles in colloidal solutions 262 (1996) 455
Viaene, L., see Imans, F. 262 (1996) 583
Volke, F., A. Pampel, M. Haensler and G. Ullmann, Proton MAS NMR of a protein in a frozen aqueous solution 262 (1996) 374
Von Helden, G., see Engeln, R. 262 (1996) 105
Voth, G.A., see Calhoun, A. 262 (1996) 415

Wales, D.J., see Doye, J.P.K. 262 (1996) 167
Walser, D., see Plakhotnik, T. 262 (1996) 379
Walther, C., G. Dietrich, M. Lindinger, K. Lützenkirchen, L. Schweikhard and J. Ziegler, Time resolved photofragmentation of Au_{15}^+ clusters (Chem. Phys. Lett. 256 (1996) 77). Erratum. 262 (1996) 668
Walton, D.R.M., see Hsu, W.K. 262 (1996) 161
Wang, C.-R., K.K.-W. Lo and V.W.-W. Yam, Ab initio study of luminescent chalcogenido silver(I) clusters $[Ag_4(\mu\text{-}H_2PCH_2PH_2)_4(\mu_4\text{-}E)]^{2+}$ 262 (1996) 91
Wang, L. and D.C. Clary, A quenching method in quantum–classical studies of dynamics with a bifurcating wavefunction 262 (1996) 284
Wang, Q., see Cerullo, G. 262 (1996) 362
Wang, W., M.J. Feldstein and N.F. Scherer, Observation of coherent multiple scattering of surface plasmon polaritons on Ag and Au surfaces 262 (1996) 573
Wang, X., see Li, L. 262 (1996) 52
Warren, R.F., see Talukdar, R.K. 262 (1996) 669
Warren, R.W. and B.I. Dunlap, Fractional occupation numbers and density functional energy gradients within the linear combination of Gaussian-type orbitals approach 262 (1996) 384
Wasserman, T.A.W., A.A. Arias, T. Müller and P.H. Vaccaro, Degenerate four-wave mixing spectroscopy as a probe of photodissociation dynamics: nascent SH population distributions from the 266 nm photolysis of hydrogen sulfide 262 (1996) 329
Weber, P.M., see Ben-Nun, M. 262 (1996) 405
Weibel, M.A., see Hain, T.D. 262 (1996) 723
Weltner Jr., W., see Li, S. 262 (1996) 298
Werner, H.-J., see Aoiz, F.J. 262 (1996) 175
Westacott, R.E. and P.M. Rodger, Full-coordinate free-energy minimisation for complex molecular crystals: type I hydrates 262 (1996) 47
Weston, T. and M.S. Child, Spectral consequences of periodic orbit bifurcations of AB_2 stretching vibrational modes 262 (1996) 751
White, D., see Šepa, J. 262 (1996) 321
Wild, U.P., see Plakhotnik, T. 262 (1996) 379

Wild, U.P., see Rebane, A. 262 (1996) 155
Williams, H.L., T. Korona, R. Bukowski, B. Jeziorski and K. Szalewicz, Helium dimer potential from symmetry-adapted perturbation theory 262 (1996) 431
Wilson, K.R., see Ben-Nun, M. 262 (1996) 405
Wirges, W., see Bauer-Gogonea, S. 262 (1996) 663
Wolfrum, J., see Müller, R. 262 (1996) 716
Wu, G. and X. Ding, The SU(3) algebraic vibrational dynamics of inter-mode couplings: a case study of H_2O, CH_2Br_2 and CD_2Br_2 262 (1996) 421

Xie, M., X.-W. Hou and Z.-Q. Ma, q-Deformed harmonic oscillators applied to the vibrational spectrum of methane 262 (1996) 1
Ximei, Q., see Dianxun, W. 262 (1996) 776
Xu, C., see Li, L. 262 (1996) 52
Xu, C.H. and G.E. Scuseria, An O(N) tight-binding study of carbon clusters up to C_{8640}: the geometrical shape of the giant icosahedral fullerenes 262 (1996) 219
Xu, W., see Dai, S. 262 (1996) 315

Yam, V.W.-W., see Kwok, W.M. 262 (1996) 699
Yam, V.W.-W., see Wang, C.-R. 262 (1996) 91
Yamada, S., see Nakano, M. 262 (1996) 66
Yamaguchi, H., see Terasaki, A. 262 (1996) 269
Yamaguchi, K., see Nakano, M. 262 (1996) 66
Yamashita, K., see Harima, Y. 262 (1996) 274
Yasumatsu, H., see Terasaki, A. 262 (1996) 269
Yeung, P.K.-Y., see Kwok, W.M. 262 (1996) 699
Yi, M. and S. Scheiner, Proton transfer between phenol and ammonia in ground and excited electronic states 262 (1996) 567
Yoo, H.S., see Lee, K. 262 (1996) 610
Yoshihara, K., see Saitow, K. 262 (1996) 621

Zander, C., see Müller, R. 262 (1996) 716
Zang, W.-C., see Ding, W. 262 (1996) 259
Zhan, C.-G., see Zhao, X. 262 (1996) 643
Zhang, J.H.Z., see Kouri, D.J. 262 (1996) 519
Zhang, X. and C.D. Jonah, Electron solvation in 1-propanol and 2-propanol as a function of temperature 262 (1996) 649
Zhao, X., H. Imahori, C.-G. Zhan, Y. Mizutani, Y. Sakata and T. Kitagawa, Ultraviolet resonance Raman spectra and ab initio vibrational analyses of 1,4-benzoquinone: reassignments of the ν_2 and ν_3 bands 262 (1996) 643
Zhong, W., see Ding, W. 262 (1996) 259
Ziegler, J., see Walther, C. 262 (1996) 668
Zon, B.A., Born–Oppenheimer approximation for molecules in a strong light field 262 (1996) 744
Zuo, J., see Li, L. 262 (1996) 52
Zwier, T.S., see Pribble, R.N. 262 (1996) 627
Zyss, J., see Bauer-Gogonea, S. 262 (1996) 663